

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of** )  
 )  
**NEMOTO et al** )  
 )  
**Application Number: To Be Assigned** )  
 )  
**Filed: Concurrently Herewith** )  
 )  
**For: PERPENDICULAR MAGNETIC RECORDING** )  
**MEDIUM** )  
 )  
**Attorney Docket No. NITT.0147** )

**Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231**

**INFORMATION DISCLOSURE STATEMENT**

**Sir:**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

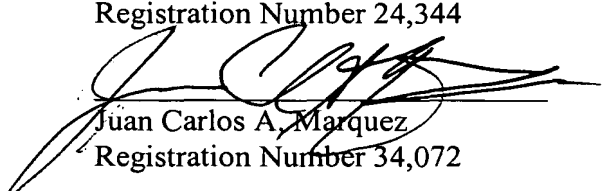
This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

\_\_\_\_\_  
Stanley P. Fisher  
Registration Number 24,344

  
\_\_\_\_\_  
Juan Carlos A. Marquez  
Registration Number 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

**July 10, 2003**

Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER NITT.0147	SERIAL NUMBER To be Assigned
	APPLICANT NEMOTO et al	
	FILING DATE Concurrently Herewith	GROUP

## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLA SS	SUBC LASS	FILING DATE

## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						Yes	No
	2002-025032	06/30/2000	Japan			Abstract	X
	2001-155329	11/30/1999	Japan			Abstract	X

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

		P.F. Garcia, A.D. Meinhardt and A. Suna, "Perpendicular magnetic anisotropy in Pd/Co thin film layered structures", Appl. Phys. Lett. American Institute of Physics, 47 (2), July 1985, pp.178-180
		S. Matsunuma, A. Yano, E. Fujita, T. Onuma, T. Takayama, and N.Ota, "Co/Pd multilayer media with Pd inorganic granular seed layer for perpendicular recording", Journal of Applied Physics, American Institute of Physics, Vol. 91, No. 10, May 2002, pp. 8073-8075
		W. Peng, R. H. Victora and J. H. Judy, "Perpendicular magnetic recording thin film media using Co/Pd superlattice on ultrathin indium-tin-oxide seed layers", Journal of Applied Physics, American Institute of Physics, Vol. 87, No. 9, May 2000, pp. 6358-6360
		Wenbin Peng, R. H. Victora and Jack H. Judy, "Co/Pd and CO/Pt Multilayers with Indium Tin Oxide Seed Layers and NiFe Soft Underlayers for Perpendicular Magnetic Recording Media, IEEE Transactions on Magnetics, Vol. 37, No. 4, July 2001, pp. 1577-1579
		Jianhua Xue and R. H. Victora, "Micromagnetic calculation for superlattice magnetic recording media", Journal of Applied Physics, American Institute of Physics, Vol. 87, No. 9, May 2000, pp.6361-6363
		Ruqian Wu, Chun Li and A. J. Freeman, "Structural, electronic and magnetic properties of Co/Pd(111) and Co/Pt(111)", Journal of Magnetism and Magnetic Materials Vol. 99, 1991, pp.71-80

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

PTO1449